

FORM PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2003080-0071 (SK-744-US/CON4)	IN RE APPLICATION NO.: 10/04571
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> EXPRESS MAIL NO.: EL603009481US		APPLICANT: DANISHEFSKY, ET AL.		
		FILING DATE: DECEMBER 4, 2001	GROUP: 1626	

U.S. PATENT DOCUMENTS

*asterisk indicates submitted with parent application no.: 09/874,514, filed June 5, 2001, 08/986,025, (now Patent No: 6,242,469) Danishefsky, et al., or 6,204,388 (Danishefsky, et al.)

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	*5,969,145	Schinzer, et al.	October 19, 1999	548	110
	*5,021,430	Ksander, et al.	June 4, 1991	514	332
	*5,917,084	Jiang, et al.	June 29, 1999	560	174
	*6,043,372	Schinzer, et al.	March 28, 2000	548	110
	*6,156,905	Schinzer, et al.	December 5, 2000	548	204
	*6,204,388	Danishefsky, et al.	March 20, 2001	546	340
	*6,242,469	Danishefsky, et al.	June 5, 2001	514	365
	6,284,781	Danishefsky, et al.	September 4, 2001	514	365
	6,300,355	Danishefsky, et al.	October 9, 2001	514	374
	6,316,630	Danishefsky et al.	November 13, 2001	546	281.7
	6,288,237	Hoefle, et al.	September 11, 2001	548	203
	6,302,838	O'Reilly, et al.	October 16, 2001	574	365

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:
	*60/032,864	Nicolaou, et al.	December 13, 1996		
	*08/856,533	Nicolaou, et al.	May 14, 1997		
	*08/923,869	Nicolaou, et al.	September 4, 1997		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
	*19542986.9	DE	17 November 1995		
	*19639456.2	DE	25 September 1996		
	*WO99/02514	WO	21 January 1999		
	*WO98/25929	WO	18 June 1998		
	*WO98/08849	WO	05 March 1998		
	*WO97/19086	WO	29 May 1997		

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	*19636343	DE	23 October 1997		
	*19639456	DE	26 March 1998		
	*19544986	DE	22 May 1997		
	*19645362	DE	30 April 1998		
	*19645361	DE	30 April 1998		

OTHER DOCUMENTS *asterisk indicates submitted with parent application no.: 09/874,514, filed June 5, 2001; application no. 08/986,025, (now Patent No: 6,242,469) Danishefsky, et al., or 6,204,388 (Danishefsky, et al.)

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
	*Balog et al., "Stereoselective Syntheses and Evaluation of Compounds in the 8-Desmethyllepothilone A Series: Some Surprising Observations..." <i>Tetrahedron Letters</i> 38:26 4529-4532 (1997).
	*Bijoy, P. et al., "Synthetic Studies Directed Towards Epothilone A:...", <i>Tetrahedron Letters</i> 39:209-212 (1998)
	*Bollag, Daniel M., "Epothilones, a New Class of MT-stabilizing Agents...", <i>Cancer Research</i> 55:2325-2333 (1995).
	*Chakraborty, T.K. et al., "Radical-induced Opening of Trisubstituted Epothilones", <i>Tetrahedron Letters</i> 39:101-104 (1998).
	*Claus, E. et al., "Synthesis of the C1-C9 Segment of Epothilones", <i>Tetrahedron Letters</i> 38:8:1359-1362 (1997).
	*Gabriel, T., "The Chromium-Reformatsky Reaction:...", <i>Tetrahedron Letters</i> 38:8 1363-1366 (1997).
	*Gerth, K. et al., "Epothilone A and B: Antifungal and Cytotoxic Compounds...", <i>Liebigs Ann. Chem.</i> 74 & 75, 49-53 (1996)
	*Giannakakou, P. et al., "Paclitaxel-resistant Human Ovarian Cancer Cells Have Mutant - Tubulins...", <i>J. Bio. Chem.</i> 272:27 17118-17125 (1997)
	*Höfle, G. et al. "Epothilone A and B-Novel 16-Membered Macrolides with Cytotoxic...", <i>Chem Int. Ed. Engl.</i> 35:13 14, 1567-1569 (1996).
	*Kowalski, R.J. et al., "Activities of the Microtubule-stabilizing Agents Epothilones A and B...", <i>J. of Biol. Chem.</i> 272:4 2534-2541 (1997).
	*Liu, Z.Y. et al., "Chiral Synthesis of the C ₃ -C ₁₃ Segment of Epothilone A" <i>Synlett Letters</i> 1383-84 (1997).
	*March, Advanced Organic Chemistry, 2nd Ed., McGraw-Hill (1977), page 940, section 7-21
	*Meng et al. "Studies toward a Synthesis of Epothilone A: Use of Hydropyran Templates for the Management of Acyclic Stereochemical Relationships" <i>J. Org. Chem.</i> 61:23 7998-8001 (1996).
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<p>*Moasser et al., "Farnesyl transferase inhibitors cause enhanced mitotic sensitivity to taxol...." <i>Proc. Natl. Acad. Sci. USA</i>, 95:1369-1374 (1998).</p> <p>*Muhlradt et al., "Epothilone B Stabilizes Microtubuli of Macrophages Like Taxol...", <i>Cancer Res.</i> 57, 3344-46 (1997).</p> <p>*Mulzer, J. et al., "Synthesis of the C(1)-C(9) Segment of the Cytotoxic Macrolides Epothilon A and B", <i>Tetrahedron Letters</i> 37:51, 9179-9182 (1996).</p> <p>*Nicolaou, K.C. et al., "Total Synthesis of 26-hydroxyepothilone B and related analogues", <i>Chem. Commun.</i> 2343-2344 (1997).</p> <p>*Nicolaou, K.C. et al., "Total Synthesis of Epothilone A: The Macrolactonization Approach", <i>Angew Chem. Int. Ed. Engl.</i>, 36: 525-527 (1997).</p> <p>*Nicolaou, K.C. et al. "Total Synthesis of Epothilone A and B via a Macrolactonization-Based Strategy", <i>J. Am. Chem. Soc.</i> 119, 7974-7991 (1997).</p> <p>*Nicolaou, K.C. et al., "Total Synthesis of Oxazole-and Cyclopropane-Containing Epothilone A Analogues...", <i>Chem. Eur. J.</i> 3:12 1957-1970 (1997).</p> <p>*Nicolaou, K.C. et al., "Total Synthesis of Oxazole-and Cyclopropane-Containing Epothilone B Analogues...", <i>Chem. Eur. J.</i> 3:12 1971-1986 (1997).</p> <p>*Nicolaou, K.C. et al., "The Olefin Metathesis Approach to Epothilone A and Its Analogues", <i>J. Am. Chem. Soc.</i> 119, 7960-7973 (1997).</p> <p>*Nicolaou, K.C. et al., "Designed Epothilones: Combinatorial Synthesis, Tubulin Assembly..." <i>Angew. Chem. Inst. Ed. Engl.</i> 36:19 2097-2103 (1997).</p> <p>*Nicolaou, K.C. et al., "Synthesis of Epothilones A and B in solid and solution phase", <i>Nature</i> 387:15 268-272, 238-239 (1997).</p> <p>*Nicolaou, K.C. et al., "Probing the Rign Size of Epothilone: Total Synthesis of [14]-, [15]-,[17]-..." <i>Angew. Chem. Ist. Ed.</i> 37:1/2, 81-87 (1998).</p> <p>*Nicolaou, K.C. et al., "Variation der Ringgröße von Epothilonen-Totalsyntheses von [14]-, [15]-,[17]-..." <i>Angew. Chem.</i> 110:1/2 85-92 (1998).</p> <p>*Nicolaou, K.C. et al., "An Approach to Epothilones Based on Olefin Metathesis" <i>Angew. Chem. Int. Ed. Engl.</i> 35:20 2399-2401 (1996).</p> <p>*Schinzer, D. et al., "Studies Toward the Total Synthesis of Epothilones:...", <i>Chem. Eur. J.</i> 2:11 1477-1488 (1996).</p> <p>*Schinzer, D. et al., "Total Synthesis of ()-Epothilone A", <i>Angew. Chem. Int. Ed. Engl.</i> 36:5 523-524 (1997).</p> <p>*Taylor, R.E., et al., "Towards the Synthesis of Epothilone A: Enantioselective Preparation..." <i>Tetrahedron Letters</i> 38:12 2061-2064 (1997).</p> <p>*Wessjohann, L., "Epothilones: Promising Natural products with Taxol-Like Activity", <i>Angew. Chem. Int. Ed. Engl.</i> 36:7 715-718 (1997).</p> <p>*Victory et al., "Relative Stereochemistry and Solution Conformation of the Novel Paclitaxel-Like Antimitotic Agent Epothilone A" <i>Bioorganic & Medicinal Chemistry Letters</i> 6:7 893-898 (1996).</p>				